



Dan Shoemaker is the director of the Centre for Assurance Studies, a National Security Agency (NSA) Center of Academic Excellence in Information Assurance Education at the University of Detroit Mercy. He is also a professor at UDM, and he has been the chair of the Computer and Information Systems Program within the College of Business Administration since 1985. His PhD is from the University of Michigan in Ann Arbor, and he subsequently spent a career in various professional IS roles at that institution, as well as at Michigan State University.

Dr. Shoemaker serves as an expert panelist on three national working groups within the Department of Homeland Security's Cybersecurity Division. The most prominent of these is the Software Assurance Common Body of Knowledge (SWABOK). Dr. Shoemaker is an author and one of three domain editors for that document. He also serves on the Assurance Business Case Working Group and the IT Security Competency Certification Working Group.

Dr. Shoemaker has written and lectured on cybersecurity and information assurance topics throughout the eastern United States and Canada. He founded the International Cybersecurity Education Coalition (ICSEC), which is an NSA sponsored consortium of higher education institutions located in Michigan and Ohio. ICSEC's mission is to extend and support the teaching of standard information assurance curricula in the Midwest. He is also a member of the Advisory Panel for Automation Alley, which is the State of Michigan's Economic Development initiative in information security.

Dr. Shoemaker is one of the earliest participants in the development of software engineering as a discipline, starting at the Software Engineering Institute in the fall of 1987. His program is one of only six cited in the SEI's 1994 survey of software engineering education programs in the country. He has taught software engineering related topics for almost twenty years, and has lectured, consulted, and written extensively on that subject around the country. His two books in that area, *Engineering a Better Software Organization* and *GOT-IT Fine Tuning Your Software Organization*, sold extensively to the U.S. military as well as overseas.

Dr. Shoemaker has been a formal U.S. partner of the British Standards Institution since 1994 and has worked with the recently released ISO/IEC 27000 International Standard Series for Information Security since its inception as BS7799 in 1995. In addition, Dr. Shoemaker is a designated Academic Advocate for the Information Systems Audit and Control Association (ISACA), and he teaches COBIT based Sarbanes-Oxley audit to managers up and down the Big Three's automotive supply chain in Detroit.

Dr. Shoemaker loves to travel with his wife, his little white dog, and any of his four grown children who might be willing to come along. He has a particular fondness for England, where he attended school in his youth, and he regularly spends some of his summers in London.

## BSI Articles

Name	Content Areas
Building Security into the Business Acquisition Process	best-practices/acquisition
Finding a Vendor You Can Trust in the Global Marketplace	best-practices/acquisition
A Common Sense Way to Make the Business Case for Software Assurance	knowledge/business
Former Reviewers	
Models for Assessing the Cost and Value of Software Assurance	knowledge/business
It's a Nice Idea but How Do We Get Anyone to Practice It? A Staged Model for Increasing Organizational Capability in Software Assurance	knowledge/business
Individual Certification of Security Proficiency for Software Professionals: Where Are We? Where Are We Going?	best-practices/training